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## KOREAN PATENT ABSTRACTS

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## (54) HYDROXYPROPYLCCELLULOSE HAVING LOW SUBSTITUTION DEGREE

## (57) Abstract:

PURPOSE: To provide a hydroxypropylcellulose having a low substitution degree, capable of giving a solution state which is excellent in transparency and stable in a wide temperature range, by controlling the amount of the substituted hydroxypropyl groups.

CONSTITUTION: This hydroxypropylcellulose having a low substitution degree has an average substituted hydroxypropyl group content of 0.1–0.4 mole per glucose unit. Therein, the glucose units each substituted by two or more moles of the hydroxypropyl groups are contained in an amount of <math>\leq 5\%</math> based on the number of all the glucose units, and the transmittancy of a solution containing the hydroxypropylcellulose in a concentration of 2 wt.% in a 10 wt.% sodium hydroxide aqueous solution is >=90% at 10–50°C.

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